



**PARTS LIST**  
**GAS TILTING KETTLES**  
**MODELS: KLT-20G**  
**KLT-40G**  
**KLT-60G**



April 6, 2007

**BLODGETT OVEN CO** • 44 lakeside Ave • Burlington, VT 05446  
Tel. 800-331-5842 • Fax 802-860-3732 • [www.blodgett.com](http://www.blodgett.com)

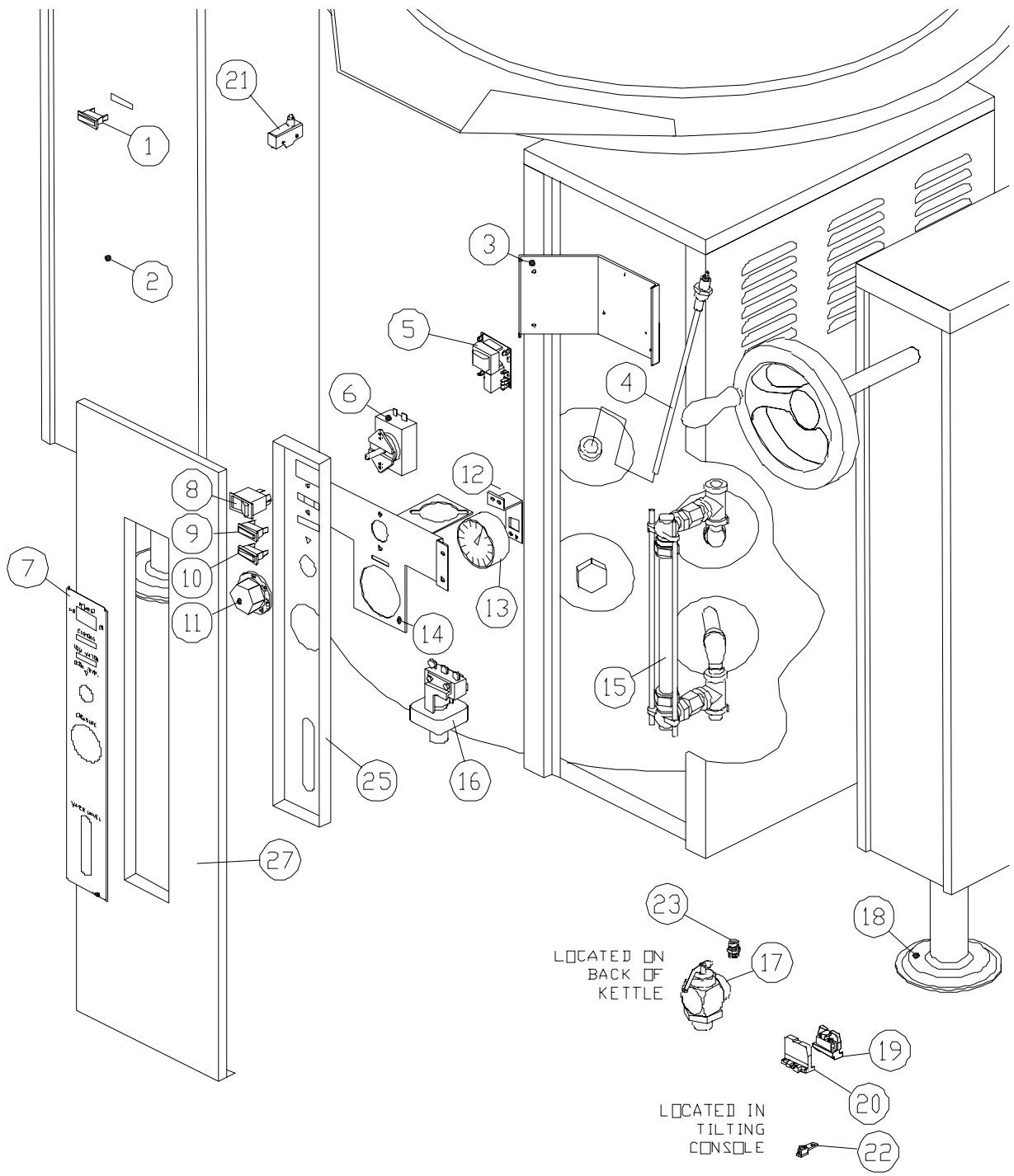


FIGURE 1

<u>ITEM</u>	<u>Part Number</u>	<u>DESCRIPTION</u>	<u>FIGURE 1</u>	<u>QUANTITY</u>
1	40955	Pilot Light - Green 24V		1
2	42175	Instruction Label		1
3	40795	Low Water Control Mounting Bracket		1
** 4	40466	Probe, 9 1/4" (20 Gallon)		1
	40467	Probe, 9 3/4" (30, 40, 60 Gallon)		1
5	40542	Low Water Cut Off Control		1
6	40046	Thermostat		1
7	42548	Poly Panel		1
8	41889	Power Switch		1
9	42415	Pilot Light - Red		1
10	42430	Pilot Light - Amber		1
11	41006	Dial		1
12	42179	Pressure Gauge Bracket		1
13	40907	Pressure Gauge		1
** 14	42177	Mounting Bracket (30, 40 Gallon only)		1
	42178	Mounting Bracket (20, 60 Gallon only)		1
15	41077	Sight Glass Assembly		1
	41741	Rods		2
	41743	Washer - Rubber		2
	41744	Washer - Brass		2
16	42443	Pressure Switch		1
17	40613	Relief Valve		1
18	41474	Flanged Foot		2
19	40708	Terminal Block Section		2
20	40707	End Section		1
21	40938	Interlock Switch		1
22	40743	Ground Lug		1
23	40548	Vent		1

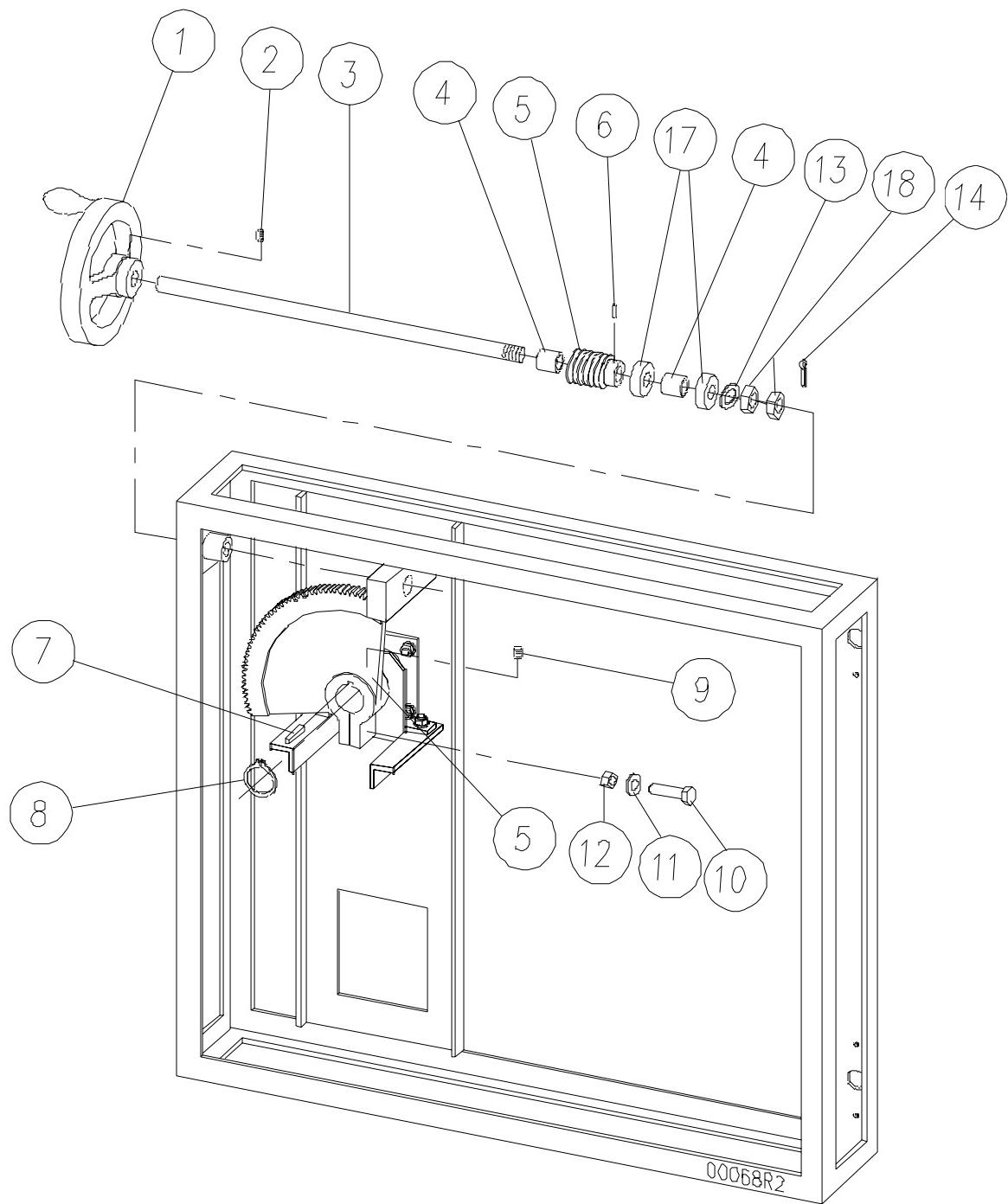
**FIGURE 1**

<u><b>ITEM</b></u>	<u><b>Part Number</b></u>	<u><b>DESCRIPTION</b></u>	<u><b>QUANTITY</b></u>
* ** 24	40251	Combustion Chamber (20 Gallon)	1
	40252	Combustion Chamber (30, 40 Gallon)	1
	40253	Combustion Chamber (60 Gallon)	1
25	40033	Recessed Control Panel	1
* ** 26	40376	Bottom Cover (20 Gallon)	1
	40377	Bottom Cover (30, 40 Gallon)	1
	40378	Bottom Cover (60 Gallon)	1
** 27	40326	Control Panel (20, 30, 40 Gallon)	1
	40329	Control Panel (60 Gallon)	1

\* NOT SHOWN.

\*\* SELECT AS REQUIRED.

### **KLT-20, TILTING MECHANISM**

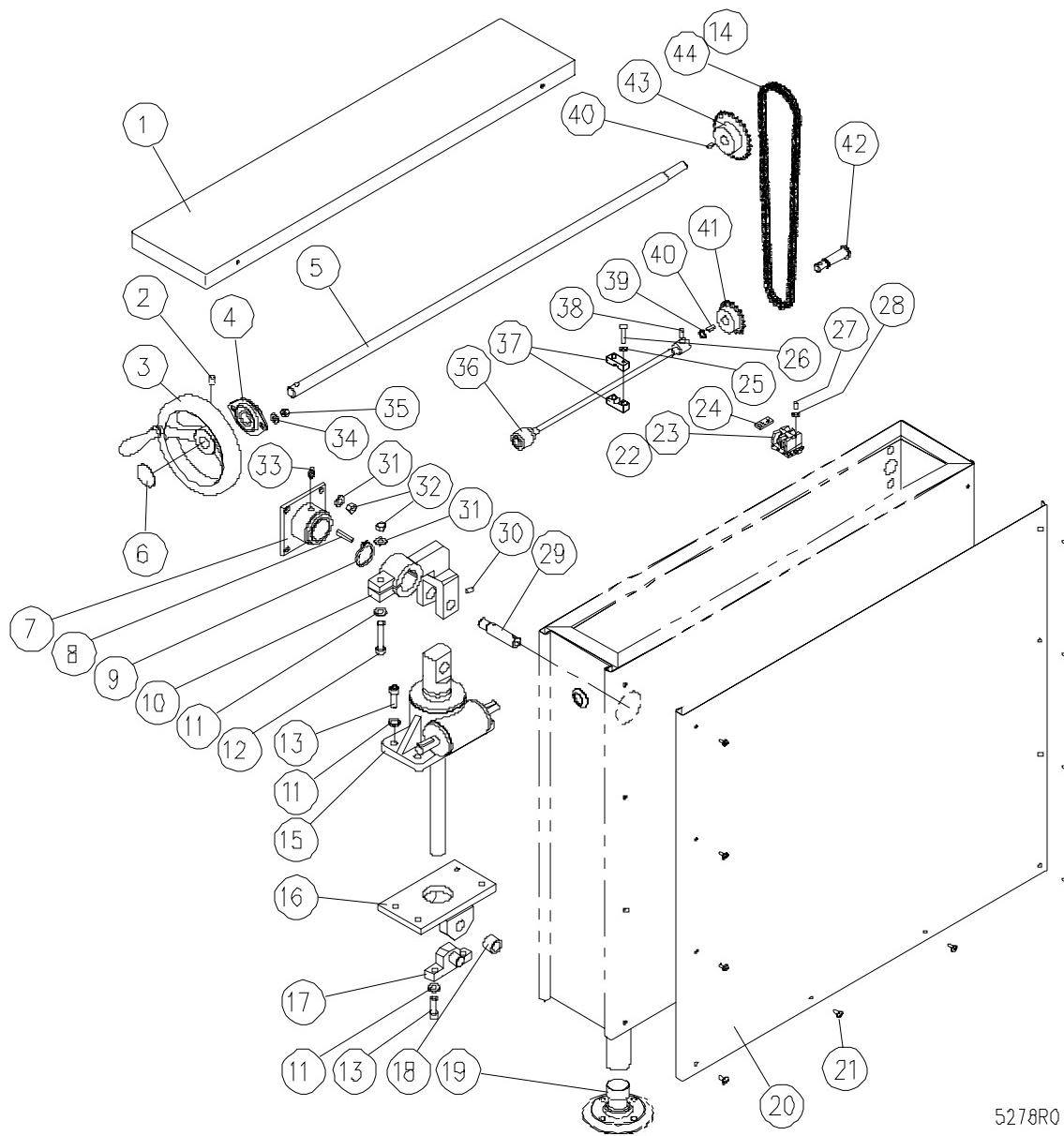


**KLT - 20, TILTING MECHANISM****FIGURE 2**

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
1	41554	Handwheel	1
2	40101	Set Screw	1
3	41235	Tilt Shaft	1
4	40367	Bushing	2
5	41095	Segment Gear and Worm Gear Kit (Includes items 6 - 12)	1
6	40266	Tension Pin	1
7	41564	Key	1
8	40126	Retaining Ring	1
9	40082	Set Screw	2
10	40249	Bolt	1
11	40132	Washer	1
12	40113	Nut	1
13	41091	Washer 3/4 ID x 1 - 1/4 OD	1
14	41092	Cotter Pin S.S. 3/16 x 1	1
*	15 42706	Cord Set, 120V	1
*	16 42342	Decal - Tilt	1
17	41090	Thrust Bearing	2
18	40258	Jam Nut	2
*	19 40241	Console Cover	1
*	20 40621	Console Cover Assembly (Faucet Mount), Optional	1
*	21 40496	Spacer (Faucet Mount)	1

\* NOT SHOWN.

## **KLT 20, 40, 60, TILT CONSOLE AND PARTS**



5278RQ

**FIGURE 3**

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
** 1	43396	Console Cover	1
* *	40621	Console Cover Assembly (Faucet Mount), OPTIONAL.	1
* *	40496	Spacer (Faucet Mount), OPTIONAL.	1
2	40101	Set Screw	1
3	41554	Handwheel	1
4	41084	Front Bearing	1
5	42862	Tilt Shaft	1
6	42342	Tilt Label	1
7	40169	Trunnion Housing Assembly	1
8	41564	Key	1
9	40126	Retaining Ring	1
10	40075	Arm	1
11	43004	Flat Washer 3/8	As Required
12	43397	Hex Socket Cap Screw, 3/8 - 16 x 2 - 1/8	1
13	43398	Hex Socket Cap Screw, 3/8 - 16 x 1 - 1/4	8
14	41088	Chain Link	1
15	41232	Screw Jack	1
16	43399	Base Assembly	1
17	43400	Base Bracket Assembly	1
18	41083	Bearing	2
19	41474	Adjustable Foot	2
20	43401	Side Panel	1
21	40076	Truss HD Slot Screw, 10 - 32 x 1/2	10
22	40708	Terminal Block Section	2
23	40707	End Section	1
24	42013	Earth ID Tag	1
25	43003	Flat Washer #10	2

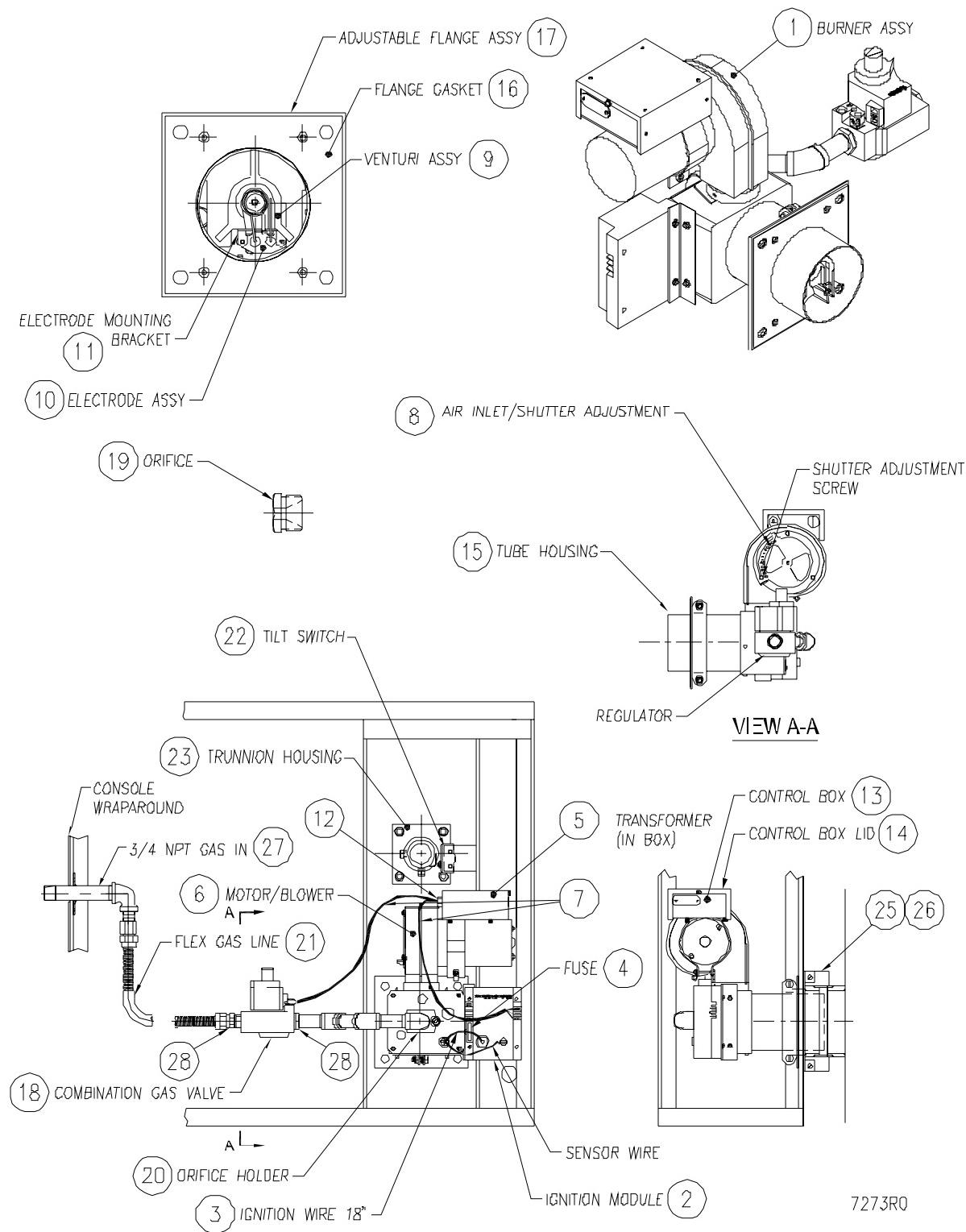
**FIGURE 3**

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
26	43402	Truss HD Phillips Drive, 10 - 32 x 1-1/4	2
27	43403	RD HD Slot Drive Screws 8 - 32 x 1/4	3
28	43404	External Tooth Washer # 8	3
29	43405	Pin	1
30	43406	Hex Socket Set Screw 1/4 - 20 x 1/2	1
31	43407	Lock Washer 3/8	As Required
32	40108	Hex Nut 3/8 - 16	7
33	40887	Grease Nipple, 1/8 NPT	1
34	43408	Flat Washer 5/16	2
35	40099	Hex Nut 5/16 - 18	2
36	41233	Flexible Shaft Assembly	1
37	42797	Nylon Shaft Guide	2
38	43409	Set Screw 1/4 - 28 x 3/8	1
39	43410	External Retaining Ring	1
40	43411	Key	2
41	41086	Sprocket	1
42	43412	Output Shaft	1
43	41085	Sprocket	1
44	41087	Chain	1
*	45	Single Faucet 12", OPTIONAL	1
*	45	Double Faucet 12", OPTIONAL	1

\* NOT SHOWN.

\*\* SELECT AS REQUIRED.

**FIGURE 4**



7273R0

**FIGURE 4**

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>20</u></b>	<b><u>30</u></b>	<b><u>60</u></b>
			<b><u>40</u></b>		
**	1	42589 Complete Burner Assembly, Natural Gas	1		
	42592	Complete Burner Assembly, LP Gas	1		
	42588	Complete Burner Assembly, Natural Gas		1	
	42591	Complete Burner Assembly, LP Gas		1	
	42593	Complete Burner Assembly, Natural Gas			1
	42590	Complete Burner Assembly, LP Gas			1
2	40503	DSI Module	1	1	1
3	42450	Ignition Wire 18"	1	1	1
4	41861	Fuse, 250V, 3 Amp.	1	1	1
5	40505	Transformer, 120/24V, 50/60, 30 VA	1	1	1
6	42445	Motor/Blower, 115V/50/60 HZ	1	1	1
7	42595	Control/Ignition Module, Wire Harness	1	1	1
8	42981	Air Shutter Assembly	1	1	1
9	42983	Venturi Assembly	1	1	1
10	42449	Electrode Assembly	1	1	1
11	42984	Electrode Mounting Bracket	1	1	1
12	42986	Adaptor Bushing 7/8"	1	1	1
13	42987	Control Box with Strap	1	1	1
14	42988	Control Box Lid	1	1	1
15	42989	Tube/Housing 6"	1	1	1
16	42990	Flange Gasket 6-1/2" Square	1	1	1
17	42980	Adj. Flange Assembly, 6-1/2" Square	1	1	1
18	41107	Gas Valve (Natural/L.P.)	1	1	1
**	19	42975 Orifice #19, Natural Gas	1		
	42978	Orifice #30, L.P. Gas	1		
	42974	Orifice #13, Natural Gas		1	
	42977	Orifice #27, L.P. Gas		1	
	42979	Orifice #7, Natural Gas			1
**	19	42976 Orifice #23, L.P. Gas			1
20	42982	Orifice Holder	1	1	1
21	41804	Gas Flex Tube	1	1	1
22	40938	Interlock Switch	1	1	1

**FIGURE 4**

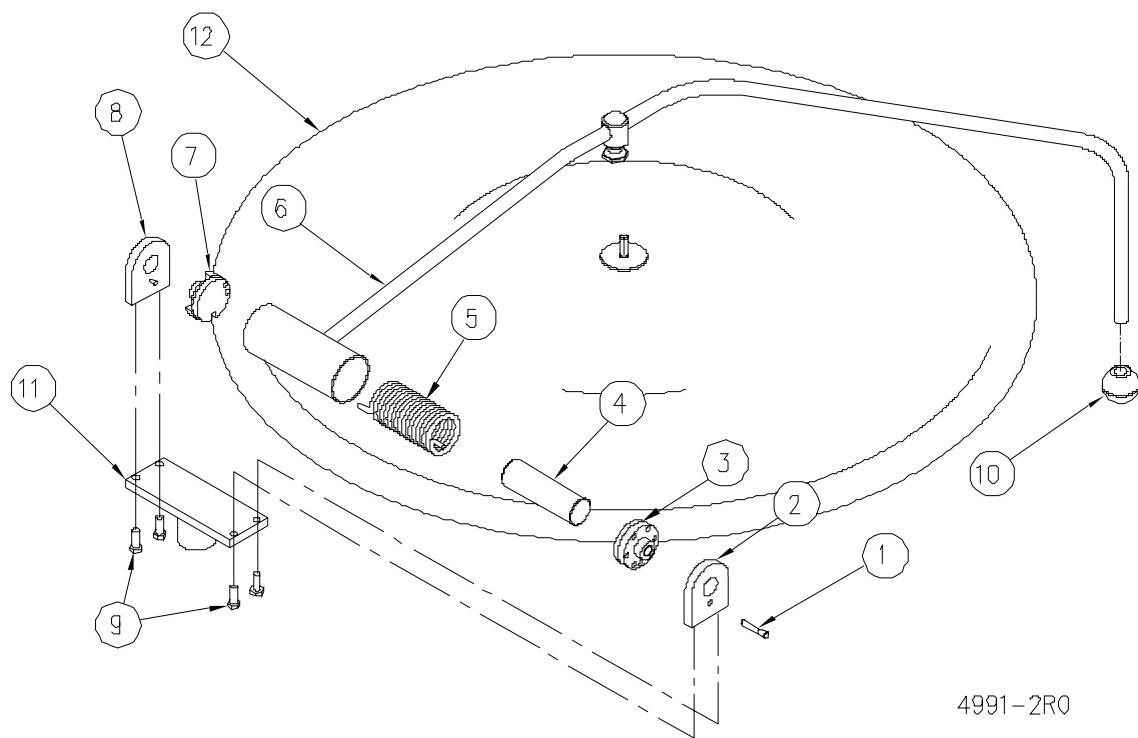
<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>20</u></b>	<b><u>30</u></b>	<b><u>60</u></b>
				<b><u>40</u></b>	
	23	40169	1	1	1
* **	24	40242	1	1	1
		40243	1	1	1
25	40167	Console Cover - Hinge Mount	1	1	1
26	40168	Console Nozzle Assembly	1	1	1
27	42547	Nozzle Cover	1	1	1
28	42594	Gas Supply Pipe Assembly	1	1	1
		Hex Bushing, 1/2 x 3/4	2	2	2

\* NOT SHOWN.

\*\* SELECT AS REQUIRED.

**FIGURE 5**

**SPRING ASSIST HINGE ASSEMBLY**



4991-2R0

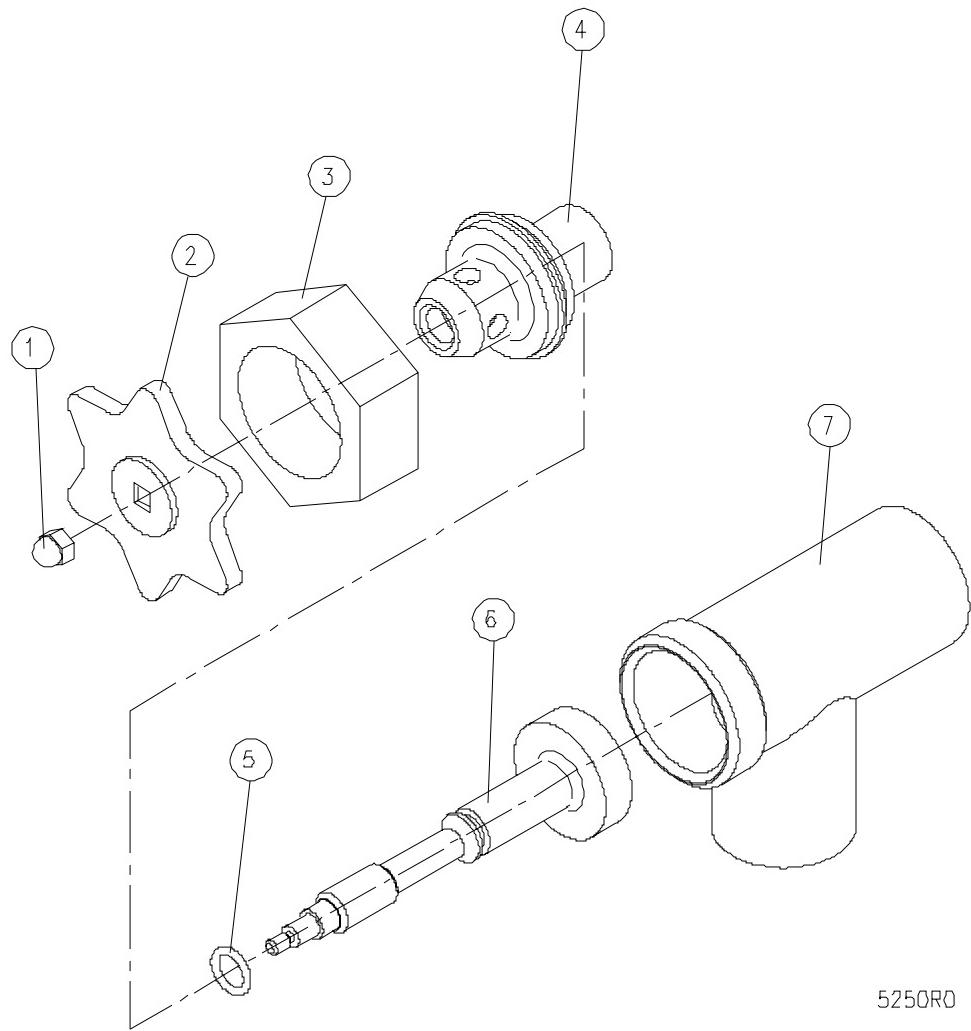
**FIGURE 5**

**SPRING ASSIST HINGE ASSEMBLY**

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
	42112	HINGE ASSEMBLY	
1	41543	Lock Pin	1
2	41546	End Lock Plate	1
3	43106	Stationary Disc	1
4	41100	Core	1
5	41526	Spring	1
**	6	Handle Assembly (20 Gallon)	1
	41539	Handle Assembly (30, 40 Gallon)	1
	41531	Handle Assembly (60 Gallon)	1
7	43107	Rotary Disc	1
8	41520	End Stop Plate	1
9	40098	Cap Screws	4
10	40259	Knob	1
**	11	Hinge Support Riser (20, 30, 40 Gal.)	1
	42714	Hinge Support Riser (60 Gal.)	1
**	12	Cover, 20 Gallon Kettle	1
	41514	Cover, 30-40 Gallon Kettle	1
	41515	Cover, 60 Gallon Kettle	1

\*\* SELECT AS REQUIRED.

**FIGURE 7**  
**DRAW-OFF VALVE**



5250R0

**FIGURE 7**

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
	40553	1 -1/2" DRAW-OFF VALVE ASSEMBLY	
1	41809	Acorn Nut 10-24 UNC	1
2	40662	Handle, Stainless Steel	1
3	40560	Bonnet	1
4	40559	Gland Nut	1
5	40562	"O" Ring	1
6	40561	Stem Assembly	1
7	43246	Valve Body	1

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
	40554	2" DRAW OFF-VALVE ASSEMBLY	
1	41809	Acorn Nut 10-24 UNC	1
2	40662	Handle, Stainless Steel	1
3	40564	Bonnet	1
4	40563	Gland Nut	1
5	40566	"O" Ring	1
6	40565	Stem Assembly	1
7	42481	Valve Body	1

<b><u>ITEM</u></b>	<b><u>Part Number</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>QUANTITY</u></b>
	40556	3" DRAW-OFF VALVE ASSEMBLY	
1	40567	Acorn Nut, 7/16 - 14 UNC	1
2	40568	Handle, Stainless Steel	1

3	40570	Bonnet	1
4	40569	Gland Nut	1
5	40572	"O" Ring	1
6	40571	Stem Assembly	1
7	43248	Valve Body	1